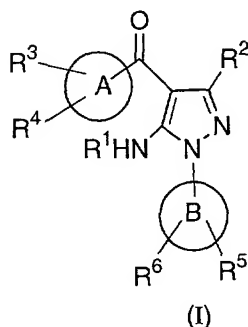


**APPENDIX B**  
**PENDING CLAIMS 1-17 and 19-32**

1. (Amended) A compound selected from the group of compounds represented by Formula (I):



wherein:

$R^1$  is hydrogen or acyl;

$R^2$  is hydrogen or alkyl;

A and B are simultaneously an aryl or a heteroaryl ring;

$R^3$  is selected from the group consisting of:

- (c) optionally substituted heterocyclyl;
- (d) optionally substituted aryl or heteroaryl;
- (e) heteroalkyl substituted with a heteroaryl or heterocyclyl group;
- (f) heteroalkenyl;
- (g) heteroalkynyl;
- (i) heteroalkylamino;
- (j) optionally substituted heterocyclylalkyl;
- (k) optionally substituted heterocyclylalkenyl;
- (l) optionally substituted heterocyclylalkynyl;
- (m) optionally substituted heterocyclylalkoxy, cycloxy or heterocycloxy;
- (n) optionally substituted heterocyclylalkylamino;
- (o) optionally substituted heterocyclylalkylcarbonyl;

- (p) heteroalkylcarbonyl;
- (s)  $-Y-(\text{alkylene})-R^9$  where:  
     Y is a single bond,  $-O-$ ,  $-NH-$  or  $-S(O)_n-$  (where n is an integer from 0 to 2); and  
      $R^9$  is cyano, optionally substituted heteroaryl,  $-COOH$ ,  $-COR^{10}$ ,  $-COOR^{11}$ ,  $-CONR^{12}R^{13}$ ,  $-SO_2R^{14}$ ,  $-SO_2NR^{15}R^{16}$ ,  $-NHSO_2R^{17}$  or  $-NHSO_2NR^{18}R^{19}$ , where  $R^{10}$  is alkyl or optionally substituted heterocycle,  $R^{11}$  is alkyl, and  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$ ,  $R^{17}$ ,  $R^{18}$  and  $R^{19}$  are, independently of each other, hydrogen, alkyl or heteroalkyl;
- (t)  $-C(=NR^{20})(NR^{21}R^{22})$  where  $R^{20}$ ,  $R^{21}$  and  $R^{22}$  independently represent hydrogen, alkyl or hydroxy, or  $R^{20}$  and  $R^{21}$  together are  $-(CH_2)_n-$  where n is 2 or 3 and  $R^{22}$  is hydrogen or alkyl;
- (u)  $-NHC(X)NR^{23}R^{24}$  where X is  $-O-$  or  $-S-$ , and  $R^{23}$  and  $R^{24}$  are, independently of each other, hydrogen, alkyl or heteroalkyl;
- (v)  $-CONR^{25}R^{26}$  where  $R^{25}$  and  $R^{26}$  independently represent hydrogen, alkyl, heteroalkyl or optionally substituted heterocyclalkyl, or  $R^{25}$  and  $R^{26}$  together with the nitrogen to which they are attached form an optionally substituted heterocycl ring;
- (x) cycloalkylalkyl, cycloalkylalkynyl and cycloalkylalkynyl, all optionally substituted with alkyl, halo, hydroxy or amino;
- (y) arylaminoalkylene or heteroaryl aminoalkylene;
- (z)  $Z\text{-alkylene-NR}^{30}R^{31}$  or  $Z\text{-alkylene-OR}^{32}$  where Z is  $-NH-$ ,  $-N(\text{lower alkyl})-$  or  $-O-$ , and  $R^{30}$ ,  $R^{31}$  and  $R^{32}$  are independently of each other, hydrogen, alkyl or heteroalkyl;
- (aa)  $-OC(O)\text{-alkylene-CO}_2H$  or  $-OC(O)\text{-NR}'R''$  (where  $R'$  and  $R''$  are independently hydrogen or alkyl); and
- (bb) heteroarylalkenylene or heteroarylalkynylene;

R<sup>4</sup> is selected from the group consisting of:

- (a) hydrogen;
- (b) halo;
- (c) alkyl;
- (d) alkoxy; and
- (e) hydroxy;

R<sup>5</sup> is selected from the group consisting of :

- (a) hydrogen;
- (b) halo;
- (c) alkyl;
- (d) haloalkyl;
- (e) thioalkyl;
- (f) hydroxy;
- (g) amino;
- (h) alkylamino;
- (i) dialkylamino;
- (j) heteroalkyl;
- (k) optionally substituted heterocycle;
- (l) optionally substituted heterocyclalkyl;
- (m) optionally substituted heterocyclalkoxy;
- (n) alkylsulfonyl;
- (o) aminosulfonyl, mono-alkylaminosulfonyl or di-alkylaminosulfonyl;
- (p) heteroalkoxy; and
- (q) carboxy;

R<sup>6</sup> is selected from the group consisting of:

- (a) hydrogen;
- (b) halo;
- (c) alkyl; and
- (d) alkoxy; and

prodrugs, individual isomers, mixtures of isomers and pharmaceutically acceptable salts thereof.

2. (Amended) The compound of Claim 1 wherein  $R^3$  is:
  - (a) optionally substituted heterocyclyl;
  - (b) aryl or heteroaryl both optionally substituted with a substituent selected from halo, alkyl, amino, alkoxy, carboxy, lower alkoxy carbonyl,  $SO_2R'$  (where  $R'$  is alkyl) or  $SO_2NHR'R''$  (where  $R'$  and  $R''$  are independently hydrogen or alkyl);
  - (c) heteroalkyl substituted with a heteroaryl or a heterocyclyl group;
  - (d) heteroalkenyl;
  - (e) heteroalkylamino;
  - (g) optionally substituted heterocyclylalkyl or heterocyclyoxy;
  - (h) optionally substituted heterocyclylalkenyl;
  - (i) optionally substituted heterocyclylalkynyl;
  - (j) optionally substituted heterocyclylalkoxy;
  - (k) optionally substituted heterocyclylalkylamino;
  - (l) optionally substituted heterocyclylalkylcarbonyl;
  - (k)  $-Y-(alkylene)-R^9$  where  $Y$  is a single bond,  $-O-$  or  $-NH-$  and  $R^9$  is optionally substituted heteroaryl,  $-CONR^{12}R^{13}$ ,  $SO_2R^{14}$ ,  $-SO_2NR^{15}R^{16}$ ,  $-NHSO_2R^{17}$  or  $-NHSO_2NR^{18}R^{19}$  where  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$ ,  $R^{17}$ ,  $R^{18}$  and  $R^{19}$  are independently of each other hydrogen, alkyl or heteroalkyl;
  - (l) cycloalkylalkyl, cycloalkylalkynyl and cycloalkylalkynyl, all optionally substituted with alkyl, halo, hydroxy or amino;
  - (m) arylaminoalkylene or heteroarylaminoalkylene; or
  - (n)  $Z-alkylene-NR^{30}R^{31}$  where  $Z$  is  $-NH-$ ,  $-N(alkyl)-$  or  $-O-$ , and  $R^{30}$  and  $R^{31}$  are independently of each other, hydrogen, alkyl or heteroalkyl.
3. The compound of Claim 2 wherein  $R^1$  and  $R^2$  are hydrogen; and  $B$  is phenyl.

4. The compound of Claim 3 wherein A is phenyl.
5. The compound of Claim 4 wherein R<sup>4</sup> is hydrogen; and R<sup>5</sup> is halo or alkyl.
6. The compound of Claim 5 wherein R<sup>5</sup> is chloro, fluoro or methyl; and R<sup>6</sup> is hydrogen, chloro, fluoro, methyl or methoxy.
7. The compound of Claim 5, wherein R<sup>3</sup> is optionally substituted heteroaryl.
8. The compound of Claim 7, wherein R<sup>3</sup> is pyridin-2-yl, pyridin-3-yl, pyridin-4-yl, N-oxidopyridin-2-yl, N-oxidopyridin-3-yl, N-oxidopyridin-4-yl or pyridon-2-yl, all optionally substituted.
9. The compound of Claim 8, wherein R<sup>3</sup> is at the 3-position.
10. The compound of Claim 9, wherein R<sup>5</sup> is 4-F and R<sup>6</sup> is hydrogen.
11. The compound of Claim 9, wherein R<sup>5</sup> is 2-Me and R<sup>6</sup> is hydrogen.
12. The compound of Claim 5, wherein R<sup>3</sup> is optionally substituted phenyl.
13. The compound of Claim 12, wherein R<sup>3</sup> is 3-sulfamoylphenyl, 3-methylsulfonylphenyl, 3-carboxyphenyl or 3-ethoxycarbonylphenyl.
14. The compound of Claim 13, wherein R<sup>3</sup> is at the 3-position.
15. The compound of Claim 14, wherein R<sup>5</sup> is 4-F and R<sup>6</sup> is hydrogen.

16. (Amended) The compound of Claim 5, wherein  $R^3$  is:
- (a) heteroalkyl substituted with a heteroaryl or a heterocyclyl group;
  - (b) heteroalkoxy;
  - (c) heteroalkylamino;
  - (d) optionally substituted heterocyclylalkyl;
  - (e) optionally substituted heterocyclylalkoxy;
  - (f) optionally substituted heterocyclylalkylamino;
  - (g)  $-Y-(alkylene)-R^9$  where Y is a single bond,  $-O-$  or  $-NH-$  and  $R^9$  is optionally substituted heteroaryl,  $-CONR^{12}R^{13}$ ,  $SO_2R^{14}$ ,  $-SO_2NR^{15}R^{16}$ ,  $-NHSO_2R^{17}$  or  $-NHSO_2NR^{18}R^{19}$  where  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$ ,  $R^{17}$ ,  $R^{18}$  and  $R^{19}$  are independently of each other hydrogen, alkyl or heteroalkyl; or
  - (h)  $Z-alkylene-NR^{30}R^{31}$  where Z is  $-NH-$ ,  $-N(alkyl)-$  or  $-O-$ , and  $R^{30}$  and  $R^{31}$  are independently of each other, hydrogen, alkyl or heteroalkyl.
17. (Amended) The compound of Claim 16, wherein  $R^3$  is heteroalkyl substituted with a heteroaryl or a heterocyclyl group.
19. The compound of Claim 18, wherein  $R^5$  is 2-F and  $R^6$  is 4-F.
20. The compound of Claim 18, wherein  $R^5$  is 4-F and  $R^6$  is hydrogen.
21. The compound of Claim 18, wherein  $R^5$  is 2-Me and  $R^6$  is hydrogen.
22. The compound of Claim 16, wherein  $R^3$  is heteroalkoxy or heteroalkylamino.
23. The compound of Claim 22, wherein  $R^3$  is at the 3-position and is selected from the group consisting of 3-dimethylaminopropoxy, 2-dimethylaminoethoxy, 2-hydroxyethoxy, 2,3-dihydroxypropoxy, 2-dimethylaminoethylamino and 3-dimethylaminopropylamino.
24. The compound of Claim 23 wherein  $R^5$  is 4-F or 2-Me and  $R^6$  is hydrogen.

25. The compound of Claim 16, wherein  $R^3$  is optionally substituted heterocyclalkyl, optionally substituted heterocyclalkoxy or optionally substituted heterocyclalkylamino.
26. The compound of Claim 25, wherein  $R^3$  is at the 3-position and is selected from the group consisting of 3-(morpholin-4-yl)propoxy, 2-(morpholin-4-yl)ethoxy, 2-(2-oxo-pyrrolidin-1-yl)ethoxy, 3-(morpholin-4-yl)propyl, 2-(morpholin-4-yl)ethyl, 4-(morpholin-4-yl)butyl, 3-(morpholin-4-yl)propylamino, 2-(morpholin-4-yl)ethylamino, 4-hydroxypiperidinylmethyl, 2-(S,S-dioxo-thiamorpholin-4-yl)ethyl, 3-(S,S-dioxo-thiamorpholin-4-yl)propyl and N-methylpiperazinylmethyl.
27. The compound of Claim 26 wherein  $R^5$  is 4-F or 2-Me and  $R^6$  is hydrogen.
28. The compound of Claim 16 wherein  $R^3$  is -Y-(alkylene)- $R^9$  where Y is a single bond, -O- or -NH- and  $R^9$  is optionally substituted heteroaryl, -CONR<sup>12</sup>R<sup>13</sup>, SO<sub>2</sub>R<sup>14</sup>, -SO<sub>2</sub>NR<sup>15</sup>R<sup>16</sup>, -NHSO<sub>2</sub>R<sup>17</sup> or -NHSO<sub>2</sub>NR<sup>18</sup>R<sup>19</sup> where R<sup>12</sup>, R<sup>13</sup>, R<sup>14</sup>, R<sup>15</sup>, R<sup>16</sup>, R<sup>17</sup>, R<sup>18</sup> and R<sup>19</sup> are independently of each other hydrogen, alkyl or heteroalkyl.
29. The compound of Claim 28, wherein Y is a single bond and  $R^9$  is SO<sub>2</sub>R<sup>14</sup> or -SO<sub>2</sub>NR<sup>15</sup>R<sup>16</sup>.
30. The compound of Claim 29 wherein  $R^3$  is methylsulfonyl ethyl or sulfamoyl ethyl.
31. The compound of Claim 30 wherein  $R^5$  is 4-F or 2-Me and  $R^6$  is hydrogen.
32. A pharmaceutical composition comprising a therapeutically effective amount of a compound of Claim 1 and a pharmaceutically acceptable excipient.

\* \* \* \* \*